

**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
EP 14 85 6539

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                                                                                                                                                      | Relevant to claim                                        | CLASSIFICATION OF THE APPLICATION (IPC)         |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EP 2 882 933 A1 (SHELL INT RESEARCH [NL])<br>17 June 2015 (2015-06-17)<br>* page 17, lines 3-26; claims 1,2, *                                                                                                                                                                                                                                                                                                     | 1,2,6-12                                                 | INV.<br>E21B43/22<br>C09K8/58                   |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US 3 908 764 A (HARVEY ROBERT R)<br>30 September 1975 (1975-09-30)<br>* column 7, lines 8-21; claim 1 *<br>* column 3, line 6 - column 8, line 10 *                                                                                                                                                                                                                                                                | 1-12                                                     |                                                 |
| T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MA ET AL: "SPE-183665-MS Destabilization And Treatment of Produced Water-Oil Emulsions Using Anionic Polyacrylamide", SPE,<br>9 March 2017 (2017-03-09), XP55366887,<br>* page 5; figure 7 *                                                                                                                                                                                                                       | 1-12                                                     |                                                 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BAOJIAO GAO ET AL: "Studies on rheological behaviour of hydrophobically associating polyacrylamide with strong positive salinity sensitivity", COLLOID AND POLYMER SCIENCE ; KOLLOID-ZEITSCHRIFT UND ZEITSCHRIFT FÜR POLYMERE, SPRINGER, BERLIN, DE, vol. 285, no. 8, 20 March 2007 (2007-03-20), pages 839-846, XP019516465, ISSN: 1435-1536, DOI: 10.1007/S00396-006-1613-5<br>* abstract *<br>* figures 5,7,8 * | 1-12                                                     | TECHNICAL FIELDS SEARCHED (IPC)<br>C09K<br>E21B |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LEVITT ET AL: "SPE 113845 Selection and Screening of Polymers for Enhanced-Oil Recovery", SPE,<br>23 April 2008 (2008-04-23), XP55366880,<br>* pages 1-2 *<br>* page 5; figures 4-6 *                                                                                                                                                                                                                              | 1-12                                                     |                                                 |
| The supplementary search report has been based on the last set of claims valid and available at the start of the search.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |                                                 |
| Place of search<br><b>Munich</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    | Date of completion of the search<br><b>26 April 2017</b> | Examiner<br><b>Redecker, Michael</b>            |
| <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |                                                 |

# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 14 85 6539

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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26-04-2017

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